

("Penidural"), and benethamine penicillin, given to 895 patients during an 11-year period in a venereal diseases clinic near London. The over-all incidence of "probable" reactions was 2·9 per cent. of patients and 0·4 per cent. of injections. If all "possible" reactions are included, the figures are 4·8 and 0·6 per cent. respectively.

(2) The incidence of reactions was directly related to the number of injections and also to the dosage of penicillin. The incidence of reactions was low after single injections but increased with the number of injections up to nine, after which there was an apparent fall. Similar trends were noted as regards dosage, there being no reactions with a dosage of less than one mega unit and a marked fall after twenty injections had been given.

(3) The incidence was also noted to increase with the duration of therapy (and therefore with the number of injections) and to be related to previous penicillin administration.

(4) In a venereal diseases clinic the reactions also tend to be related to diagnosis. Patients with syphilis who receive many injections of penicillin have more reactions than gonorrhoea patients who usually have but one injection. Similarly, there is an apparent relationship with age, for gonorrhoea patients who have only one injection (and therefore experience few reactions) are young, whereas many of the older patients have many injections (and therefore a greater incidence of reactions) for late and latent syphilis, which is relatively less common in the young.

(5) Particularly prone to sensitivity were patients with leg ulceration, with their greater opportunity for sensitization from topical application of penicillin.

(6) One might have expected an increased incidence of reactions with the years, but this has not been the case in this series, if only the "probable" reactions are considered.

(7) Similarly, there has been no significant difference in the incidence of "probable" reactions between penicillin-in-oil-beeswax, procaine penicillin with aluminium monostearate, benzathine penicillin (Penidural), and benethamine penicillin. Certainly no evidence has so far been forthcoming of unusually prolonged or delayed reactions after the use of long-acting penicillins.

(8) One fatality was noted in the series. This was due to bronchopneumonia complicating dermatitis after penicillin-in-oil-beeswax. No unequivocal cases of anaphylactoid reaction were observed.

Grateful acknowledgements are made to J. Wyeth and Brother Ltd. for providing the "Penidural" long-acting penicillin used in this study.

#### REFERENCES

- Batchelor, R. C. L., Horne, G. O., and Rogerson, H. L. (1951). *Lancet*, 2, 195.
- Bell, R. C. (1954). *Ibid.*, 1, 13.
- (1956). *Ibid.*, 2, 439.
- Carlquist, P. R., and Pontius, E. E. (1954). *Med. Bull. U.S. Army Europe*, 11, 79.
- Christenson, W. N., Hedrick, G. W., and Schugmann, R. F. (1953). *U.S. armed Forces med. J.*, 4, 249.
- Fletcher, A. P., and Knappett, C. R. (1953). *Brit. med. J.*, 1, 188.
- Grekin, R. H., and O'Brien, J. F. (1954). *Amer. J. syph.*, 38, 143.
- Idsoe, O. (1954). Personal communication.
- Kekwick, A. (1956). *Brit. med. J.*, 1, 796.
- Kern, R. A., and Wimberley, N. A. (1953). *Amer. J. med. Sci.*, 226, 357.
- Kutscher, A. H., Lane, S. L., and Segall, R. J. (1954). *J. Allergy*, 25, 135.
- Lepper, M. H., Dowling, H. F., Robinson, J. A., Stone, T. E., Brickhouse, R. L., Caldwell, E. R., and Whelton, R. L. (1949). *J. clin. Invest.*, 28, 826.
- McLachlan, A. E. W., and Brown, D. D. (1947). *British Journal of Venereal Diseases*, 23, 1.
- Nemser, H. S. (1954). *N.Y. St. J. Med.*, 54, 1514.
- O'Brien, J. F., and Smith, C. A. (1952). *Amer. J. Syph.*, 36, 519.
- Shafter, J. K. (1954). *J. soc. Hyg.*, 40, 69.
- Smith, C. A., Cutler, J. C., and Price, E. V. (1955). In "Antibiotics Annual, 1954-55", p. 144. Medical Encyclopedia Inc., New York.
- Smith, C. A., Kamp, M., Olansky, S., and Price, E. V. (1956). *Bull. Wild Hlth Org.*, 15, 1087.
- Stollerman, G. H., and Rusoff, J. H. (1952). *J. Amer. med. Ass.*, 150, 1571.
- Szabo, J. L., Edwards, C. D., and Bruce, W. F. (1951). *Antibiot. and Chemother.*, 1, 499.
- Thomas, E. W., Landy, S., and Cooper, C. (1948). *J. invest. Derm.*, 10, 77.

#### ANNOUNCEMENT

##### CONGRESSUS INTERNATIONALIS DERMATOLOGORUM, STOCKHOLM, 1957

The notes and photographic material referring to 100 of the cases presented at the Congress are to be published in book form as an extra supplement to *Acta Dermato-Venereologica*, not included in the ordinary subscription rate. Prof. Marion B. Sulzberger, M.D., and Prof. Sven Hellerström, M.D., have consented to write forewords to the book, which is expected to be ready in January, 1958.

The edition will be limited and copies should be ordered now from:

Acta Dermato-Venereologica,  
Karolinska Sjukhuset,  
Stockholm, 60, Sweden

Price: 40 Swed. kronor; 8 U.S. \$

# INDEX TO VOLUME XXXIII, 1957

*Authors and subjects of articles in the body of the Journal are indexed together. There is a separate index to subjects of articles abstracted, and another to authors of articles abstracted.*

- ALERGANT, C. D.: Lymphogranuloma inguinale in the male in Liverpool, England, 1947 to 1954, 47  
ALLEN, R. H.: *see* TONKS, D. B., and ALLEN, R. H.  
Aminotriazole in non-gonococcal urethritis, 180  
— in vaginal trichomoniasis, 115  
Anaphylactoid reactions to penicillin, 222, 265  
Asia, yaws in, 5  
Aureomycin in lymphogranuloma inguinale, 50  
— in non-gonococcal urethritis, 224  
Autonomic function in neurosyphilis, 168.
- Benethamine penicillin, sensitivity to, 210  
BENTZON, M. W.: *see* SCHMIDT, H., DORPH-PETERSEN, L., and BENTZON, M. W.  
Benzathine penicillin, sensitivity to, 210  
— G in gonorrhoea, 40  
Bicillin in early syphilis, 16  
BIRSTINGL, M. A., GRIFFITHS, J. D., NICOL, C. S., and REDMOND, A.: Two cases of perineal fistula following Cowperitis, 246  
Blindness due to posterior oveitis, 165  
BONUGLI, F. S.: Untreated syphilis, 217  
BOOK REVIEWS:  
MACKENNA, R. M. B., and COHEN, E. L.: *Aids to Dermatology*, 5th ed. 1956, 58  
SALA, G., and NOTO, P.: *Cutaneous and Venereal Diseases and their Ocular Complications*, 58  
SEMON, H. C. G., and WILSON, H. T. H.: *An Atlas of the Commoner Skin Diseases*, 5th ed., 1957, 127  
TURNER, T. B., and HOLLANDER, D. H.: *Biology of the treponematoses*, 1957, 199
- Calculus in syphilitic orchitis, 258  
Cardiolipin antigen, 22  
— in Kahn antigen, 182  
CATTERALL, R. D., COLLINS, C. D., and REDMOND, A.: Gumma of the penis, 160  
Cerebrospinal fluid in lymphogranuloma inguinale, 49  
— in neurosyphilis, 30  
Chancroid, incidence, 55  
Chloramphenicol in non-gonococcal urethritis, 224  
COLLINS, C. D.: *see* CATTERALL, R. D., COLLINS, C. D., and REDMOND, A.  
Committee on Homosexual Offences and Prostitution: Report, 205  
Complement-fixation test in diagnosis of lymphogranuloma inguinale, 49  
CORRESPONDENCE: Side-effects of penicillin treatment, 222  
Cortisone in experimental syphilis, 259  
Cowper's glands, inflammation of, 246  
CSONKA, G. W.: Sudomotor reaction in neurosyphilis, 168
- DAREKAR, M. R., and JHALA, H. I.: Evaluation of Price's precipitation reaction in the sero-diagnosis of syphilis, 120  
DAVEY, A. C. C.: Streptomycin-resistant gonorrhoea in the female, 179  
Dermatitis following penicillin therapy, 211  
Distearoyl lecithin, 250  
Dimyristoyl lecithin, 250  
Dipalmityoyl lecithin, 250  
Distitoyl B<sub>12</sub> in tabes dorsalis, 118  
DOCKRILL, M. R.: *see* McDERMOTT, E. B., NAKAMURA, F. T., DOCKRILL, M. R., and KAHN, R. L.  
DONNÉ, discoverer of *Trichomonas vaginalis*, 196, 273  
DORPH-PETERSEN, L.: *see* SCHMIDT, H., DORPH-PETERSEN, L., and BENTZON, M. W.  
DOYLE, J. O., GILL, A. J., and LAIRD, S. M.: Treatment of non-gonococcal urethritis, 100
- Emonovocilin in early syphilis, 16  
EDITORIALS:  
Non-gonococcal urethritis, 1
- Venereal disease in the United States, 69  
Vital statistics relating to venereal diseases, 137  
The Wolfenden Report, 205  
Enheptin in vaginal trichomoniasis, 115  
Epididymis, calculus in, 258  
Epididymis in non-gonococcal urethritis, 224  
Erythromycin in non-gonococcal urethritis, 44
- Females, gonorrhoea in, 34  
Finland, gonorrhoea in, 70  
Fistula, perineal, following Cowperitis, 246  
Frei test in contagious genito-urinary diseases, 228  
— — in diagnosis of lymphogranuloma inguinale, 49  
— — specificity, 236  
French Society of Gynaecology: Symposium on trichomonal infestations, 1957, 196  
FRYERS, G. R.: *see* WILLCOX, R. R.
- Gangosa, 10  
Genito-urinary diseases, contagious, 228  
GILL, A. J.: *see* DOYLE, J. O., GILL, A. J., and LAIRD, S. M.  
GOLDSTEIN, L. Z.: Gonococcal infection in teen-aged girls and mature women, 34  
Gonorrhoea, benzathine penicillin G in, 40  
— and Cowperitis, 246  
— epidemiology, 70  
— in females, 34  
— in Finland, 70  
— incidence, 55  
— statistics, 137  
— streptomycin-resistant, 179  
— among women prisoners, 106  
GRAVES, L. M.: *see* HOOKINGS, C. F., and GRAVES, L. M.  
Great Britain, West Indians in, 158  
GRIFFITHS, J. D.: *see* BIRSTINGL, M. A., GRIFFITHS, J. D., NICOL, C. S., and REDMOND, A.  
Gumma of the penis, 160
- HÄRÖ, A. S., and PÄTİÄLÄ, R.: Epidemiology of gonorrhoea in Finland from 1953 to 1955, 70  
HAHN, R. D.: Tabes dorsalis with special reference to primary optic atrophy, 139  
HALL, J. St. E.: West Indians in Great Britain, 158  
HASSELMANN, C. M.: Comparative studies on the histopathology of syphilis, yaws, and pinta, 5  
Headache, following lumbar puncture, 30  
Herpes genitalis, 238  
Holloway prison, venereal disease in, 105  
Homosexuality, 205  
HOOKINGS, C. F., and GRAVES, L. M.: Benzathine penicillin G in the control of gonorrhoea, 40  
Hotycin in non-gonococcal urethritis, 44
- Indonesia, yaws in, 5  
XI International Congress of Dermatology, Stockholm, 1957, 206  
— Union against the Venereal Diseases and Treponematoses. Programme for Assembly, August 1957, 128  
Irrigation in non-gonococcal urethritis, 44  
Ito-Reenstierna test in contagious genito-urinary diseases, 228  
— — specificity, 236
- JELINEK, G.: Treatment of non-gonococcal urethritis from the point of view of cost and efficiency, 156  
JHALA, H. I.: *see* DAREKAR, M. R., and JHALA, H. I.
- KAHN, R. L.: *see* McDERMOTT, E. B., NAKAMURA, F. T., DOCKRILL, M. R., and KAHN, R. L.

- Kahn antigen, lecithin in, 182  
 —, standardization, 183  
 — test in serology of syphilis, 120  
 KEIGHLEY, E.: Venereal disease in women prisoners, 105  
 Keratitis, interstitial, 165  
 —, following penicillin treatment of congenital syphilis, 113  
 Kolmer test and synthetic lecithins, 249
- LAIRD, S. M.: Congenital syphilis in one of twins, 13  
 —: Present pattern of early syphilis in the Manchester Region, 172  
 —: Present pattern of early syphilis in the Manchester Region; II. Imported infection and the prostitute, 242  
 —: see DOYLE, J. O., GILL, A. J., and LAIRD, S. M.  
 Lavatory seats and infection with *Trichomonas vaginalis*, 86  
 Lecithin in Kahn antigen, 182  
 Lecithins, synthetic in cardiolipin antigens, 249  
 LEES, R.: Some unusual cases of neurosyphilis, 149  
 —: Calculus in the epididymis following bilateral syphilitic orchitis, 258  
 Lightning pains of tabes dorsalis, vitamin B<sub>12</sub> in, 118  
 Liverpool, lymphogranuloma inguinale in, 47  
 Lumbar puncture, headache following, 30  
 —, technique, 31  
 Lymphogranuloma inguinale, cerebrospinal fluid in, 49  
 —, diagnosis, 49  
 —, in Liverpool, 47  
 —, prognosis, 50  
 —, signs and symptoms, 48  
 —, treatment, 50  
 —, venereum, statistics, 137
- MACALPINE, I.: Syphilophobia: a psychiatric study, 92  
 McDERMOTT, E. B., NAKAMURA, F. T., DOCKRILL, M. R., and KAHN, R. L.: Use of concentrated solution of lecithin in Kahn antigen, 182  
 MACFARLANE, W. V.: Progressive blindness due to posterior uveitis following anti-syphilitic treatment for interstitial keratitis, 165  
 MCLACHLAN, A. E. W.: Obituary, 198  
 MAHONEY, John Friend: Obituary, 127  
 Males, trichomoniasis in, 84  
 Manchester Region, early syphilis in, 172  
 —, syphilis in, 242  
 MAYNE, G. O.: Non-gonococcal urethritis in the male treated with tetracycline, 244  
 Meinicke slide test in serology of syphilis, 120  
 MINISTRY OF HEALTH (England): Extract from the Annual Report of the Chief Medical Officer for the year 1955, 54  
 MORTON, R. S.: Side-effects of penicillin treatment, 176  
 — and READ, L.: Non-gonococcal urethritis, 223
- NAKAMURA, F. T.: see McDermott, E. B., NAKAMURA, F. T., DOCKRILL, M. R., and KAHN, R. L.  
 Neurosyphilis, 3  
 —, asymptomatic, 139  
 —, autonomic function in, 168  
 —, lumbar puncture headache in, 30  
 —, penicillin in, 207  
 —, prevention, 139  
 —, sudomotor reaction in, 168  
 —, sweating response to body heating, 168  
 —, unusual cases, 149  
 NICOL, C. S.: see BIRSTINGL, M. A., GRIFFITHS, J. D., NICOL, C. S., and REDMOND, A.  
 NICOL, W. D.: Julius Wagner von Jauregg, M.D., 1857-1940: an appreciation, 125  
 Novobiovin in non-gonococcal urethritis, 52, 180  
 Novocillin in early syphilis, 16
- OBITUARIES:  
 McLachlan, Angus Elrick William, 198  
 Mahoney, John Friend, 127  
 Rein, Charles R., 198  
 OKSALA, A.: Interstitial keratitis after adequate penicillin therapy; a case report, 113  
 Optic atrophy, 150  
 —, clinical picture, 141  
 —, differential diagnosis, 142  
 —, pathogenesis, 140  
 —, pathology, 139  
 —, pre-ataxic, 140  
 —, pupillary changes, 141  
 —, treatment, 143  
 —, visual fields in, 141  
 — and tabes dorsalis, 139  
 Orchitis, syphilitic, 258
- PÄTİÄLÄ, R.: see HÄRÖ, A. S., and PÄTİÄLÄ, R.  
 PAM in gonorrhoea, 40  
 Penicillin, anaphylactoid reactions, 222, 265  
 —, dermatitis and, 211  
 —, in asymptomatic neurosyphilis, 139  
 —, in early syphilis, 16  
 —, in interstitial keratitis, 165  
 —, in neurosyphilis, 207  
 —, in syphilis, 176, 207, 265  
 —, long-acting, sensitivity to, 209  
 —, sensitivity, 209  
 —, side-effects, 176, 209, 222, 265  
 Penis, gumma of, 160  
 —, lesions of, differential diagnosis, 228  
 Perineum, fistula following Cowperitis, 246  
 Philippines, yaws in, 5  
 "Ping-pong" infection in syphilis, 112  
 Pinta, histopathology, 5  
 Poland, venereal disease in, 2, 78  
 PORTELLA, O. B., and THOMPSON, W. R.: Kinetics of the treponema immobilization reaction under improved conditions, 189  
 Pre-ataxic optic atrophy, 140  
 PREBBLE, E. E.: Treatment of non-gonococcal urethritis, 43  
 —: Infection and re-infection in early syphilis, 112  
 Pregnancy, syphilis in, 54  
 PRICE, I. N. O., and WHELAN, M. J.: Preliminary report on a complement-fixation test for treponematosis (TWR), 18  
 Price's precipitation reaction in serology of syphilis, 25, 120  
 Prisoners, female, venereal disease in, 105  
 Prostitis, chronic, diagnosis, 208  
 Procaine penicillin, sensitivity to, 210  
 Prostitutes, venereal disease in, 56, 108, 242  
 Prostitution, 205
- READ, L.: see MORTON, R. S., and READ, L.  
 REDMOND, A.: Efficacy of vitamin B<sub>12</sub> in the alleviation of the lightning pains of tabes dorsalis, 118  
 —: see BIRSTINGL, M. A., GRIFFITHS, J. D., NICOL, C. S., and REDMOND, A.  
 —: see CATTERALL, R. D., COLLINS, C. D., and REDMOND, A.  
 Rein, C. R.: Obituary, 198  
 Reiter treponema in serology of syphilis, 25  
 Reiter's syndrome, 208  
 — in non-gonococcal urethritis, 224
- SCHMIDT, H., DORPH-PETERSEN, L., and BENTZON, M. W.: Effect of cortisone in experimental syphilis in rabbits, 239  
 SCHOFIELD, C. B. S.: Lumbar puncture headache in relation to sex, age, and cerebrospinal fluid findings, 30  
 SHAW, S.: Further assessment of cardiolipin antigen by parallel testing against standard antigen in routine Wassermann reactions, 22  
 SIMS, W. H.: Correspondence, 265  
 SMELOV, N. S.: On the treatment of early forms of syphilis, 16  
 Spiramycin in non-gonococcal urethritis, 180  
 Streptomycin in non-gonococcal urethritis, 44, 156, 224  
 Streptomycin-resistant gonorrhoea, 179  
 Sudomotor reaction in neurosyphilis, 168  
 Sulphathiazole in non-gonococcal urethritis, 44  
 Sulphatriad in non-gonococcal urethritis, 156  
 Sulphonamides in lymphogranuloma inguinale, 50  
 — in non-gonococcal urethritis, 224  
 Sweating response to body heating in neurosyphilis, 168  
 Syphilis, cardiovascular, 3  
 —, congenital, 217  
 —, —, keratitis following penicillin treatment, 113  
 —, —, in one twin, 13  
 —, early incidence, 54  
 —, —, in Manchester Region, 172  
 —, —, penicillin in, 16  
 —, —, re-infection in, 112  
 —, —, role of the prostitute, 56, 108, 242  
 —, —, treatment, 16  
 —, epidemiology, in Manchester Region, 172  
 —, experimental, cortisone in, 259  
 —, fear of, see Syphilophobia  
 —, histopathology, 5  
 —, incidence, 54  
 —, late, in untreated cases, 2  
 —, penicillin in, 176, 207, 265  
 —, serology, 18, 22, 25, 120, 137, 206, 249  
 —, treatment, results, 207  
 —, untreated, 2, 217  
 — and posterior uveitis, 166  
 — in pregnancy, 54, 217  
 — among women prisoners, 106  
 Syphilophobia, 92  
 —, history, 93

- Syphilophobia incidence, 92  
 —, psychiatric implications, 94  
 —, treatment, 95
- Tabes dorsalis, treatment, 143  
 —, vitamin B<sub>12</sub> in, 118  
 —, and optic atrophy, 139
- Terramycin in non-gonococcal urethritis, 45, 156, 224
- Tetracycline in non-gonococcal urethritis, 156, 180, 244  
 —, —, in non-gonococcal urethritis, side-effects, 245
- THOMPSON, W. R.: *see* PORTELLA, O. B., and THOMPSON, W. R.
- TONKS, D. B., and ALLEN, R. H.: Saturated synthetic lecithins in VDRL and Kolmer antigens for the sero-diagnosis of syphilis, 249
- TOWPIK, J.: Occurrence of late syphilis in untreated syphilitic patients, 2  
 —: Problems of venereal disease control in Poland, 78
- TPI test, 189  
 —, comparative value, 25  
 —, compared with TWR test, 19
- Treponemal diseases, control of, 5
- Treponemal Wasserman Reaction, *see* TWR test
- Treponematoses, epidemiology, 206  
 —, TWR test, 18
- Trichomonial infestations, symposium on, 196
- Trichomonas vaginalis*, detection of, 80  
 —, discovery of, by Donné, 196, 273  
 —, identification in urethral discharge, 208  
 —, infection, 80  
 —, and urethritis, 245
- Trichomoniasis, aminitroazole in, 115  
 —, diagnosis, 80  
 —, epidemiology, 80  
 —, in females, 82, 196  
 —, in males, 84, 196  
 —, relapse, 82  
 —, transmission, 85  
 —, treatment, 197
- Trichomycin in trichomoniasis, 89
- Trichorad in trichomoniasis, 89, 116
- Triplopen in interstitial keratitis, 165
- Tritheon in trichomoniasis, 89, 116
- Twin, congenital syphilis in one, 13
- TWR test for treponematosis, 18  
 —, compared with TPI test, 19
- TYLER, D. E.: Common contagious genito-urinary diseases with reference to the Ito-Reenstierna and Frei tests, 228
- United States, venereal disease in, 69
- Urethritis, abacterial, tetracycline in, 244  
 —, bacterial, tetracycline in, 244  
 —, and the Ito-Reenstierna test, 232
- Urethritis, and *Trichomonas vaginalis*, 245  
 —, non-gonococcal, 1, 208, 223  
 —, —, aminitroazole in, 180  
 —, —, causes, 223  
 —, —, incidence, 55  
 —, —, novobiocin in, 52, 180  
 —, —, recurrence, 223, 226  
 —, —, spiramycin in, 180  
 —, —, tetracycline in, 180, 244  
 —, —, treatment, 43, 100, 156, 244  
 —, —, —, complications, 102  
 —, —, —, side-effects, 102  
 —, —, —, and Cowperitis, 246  
 Uveitis, posterior, aetiology, 166  
 —, —, following treatment for interstitial keratitis, 165
- VDRL test in serology of syphilis, 120  
 —, and synthetic lecithins, 249
- Venereal disease, concept of, 239  
 —, in Poland, 2  
 —, in prostitutes, 108  
 —, statistics, 56, 137  
 —, in the United States, 69  
 —, in West Indies, 159  
 —, among West Indians in Great Britain, 159  
 —, in women prisoners, 105  
 —, control in Poland, 78
- Vitamin B<sub>12</sub> in tabes dorsalis, 118
- Wagner von Jauregg, Julius: an appreciation, 125
- Wassermann reaction and cardiolipin antigen, 22
- West Indians in Great Britain, 158
- West Indies, venereal diseases in, 159
- WHELAN, M. J.: *see* PRICE, I. N. O., and WHELAN, M. J.
- WHITTINGTON, M. J.: Epidemiology of infections with *Trichomonas vaginalis* in the light of improved diagnostic methods, 80
- WILKINSON, A. E.: Comparison of results given by a complement-fixation test for syphilis using the Reiter treponeme as antigen with the treponemal immobilization test, 25
- WILCOX, R. R.: Treatment of non-gonococcal urethritis with novobiocin, 52  
 —: Novobiocin, spiramycin, and aminitroazole in the treatment of non-gonococcal urethritis, 180  
 —: Treatment of vaginal trichomoniasis with 2-acetylamo-5-nitrothiazole (aminitroazole) given orally, 115  
 —, and FRYERS, G. R.: Sensitivity to repository penicillins, 209
- Wolfenden Report, 205
- World Health Organization, statistics of venereal diseases, 137
- Yaws, control of, 5  
 —, histopathology, 5

# INDEX TO SUBJECTS OF ARTICLES ABSTRACTED

\* denotes that only the title is included with the abstracts.

- Achromycin in neurosyphilis, 61\*  
Age in acquired venereal disease, 68\*  
Alabama, venereal disease control in, 134\*  
Antibiotics in non-gonococcal urethritis, 272  
Antigens, quantitative studies, 267  
Aortic incompetence, syphilitic, 200  
Aortitis, syphilitic, 129\*  
—, syphilitic, penicillin in, 201  
Argyll-Robertson sign, 266\*  
— — value of, 129\*  
— syndrome, 129  
Arthritis, gonococcal, butazolidin in, 67\*  
Arthropathy, tabetic, 201\*  
Aureomycin and trisulphadiazine therapy, value of, 67
- BAP in gonorrhoea, 133  
Bechuanaland, syphilis in, 201\*  
Behcet's syndrome with neurological complications, 273  
Benzathine penicillin G in gonorrhoea, 134\*  
— — in syphilis, 267  
Bismuth in neurosyphilis, 61\*  
Blennorrhoea neonatorum, 67  
Blood donors, non-specific serological reactions in, 132  
— tests in control of syphilis, 203\*  
British Columbia, gonorrhoea in, 134\*  
— West Africa, venereal disease in, 68\*  
Burdeos (Spain), syphilis in, 202\*  
Butazolidin in gonococcal arthritis, 67\*
- Cardiolipin in serology of syphilis, 62  
Cardiolipin, preparation, 65\*  
— antigen, 62  
— — and Jacobsthal complement-fixation test, 65\*  
— , nephelometric measurements, 64, 133\*  
Cat-scratch fever, surgical treatment, 134  
Cellular refusal in experimental syphilis, 66  
Central nervous system, complications of Behcet's syndrome, 273  
Cerebrospinal fluid, in diagnosis of neurosyphilis, 64\*  
Chancroid, 136\*  
— , terramycin in, 134  
Chloramphenicol in gonococcal urethritis, 67\*  
Chorido-retinitis in congenital syphilis, 61  
Cobalt in gonorrhoea, 134\*  
Conglutination reaction, 63  
Cortisone, effect on TPI test, 132  
— , effect on VDRL test, 132  
— in interstitial keratitis, 61  
— in syphilitic mesaortitis, 266  
Crede's prophylaxis, 134\*
- De Donno's technique in serology of syphilis, 65\*
- Electrophoresis of sera, 62  
Epididymitis, non-specific, 273\*  
Erythroblastosis foetalis and congenital syphilis, 129\*  
*Escherichia coli* vaccine in syphilis, 201  
Eye changes in congenital syphilis, 60  
— — in neurosyphilis, 60  
— , herpes, 266\*
- Fever treatment, neurosyphilis, 61\*, 201  
— — , syphilis, 60  
Framboesia in Haiti, 136\*  
— , penicillin in, 136\*  
Fundus, changes in congenital syphilis, 60
- Gambia, Treponematoses in, 135\*  
General paralysis of the insane, penicillin in, 131  
Gonorrhoea, benzathine penicillin G in, 134\*  
— , cobalt in, 134\*  
— , diagnosis, in Australia, 271  
— , epidemiology in British Columbia, 134\*
- Gonorrhoea, incubation period, 204  
— and gonococcal infection, bibliography, 272\*  
— in Massachusetts, 273\*  
— , out-patient treatment, 67\*  
— , penicillin in, 67\*, 133, 134\*, 204, 271  
— , penicillin-resistant, 271  
— , procaine penicillin G in, 66  
— , streptomycin in, 204  
— , syntomycin in, 133  
— in women, treatment, 66  
Granuloma inguinale, 135  
— — , terramycin in, 134  
— — , venereum, 204\*  
Guntur, granuloma venereum in, 204\*
- Haemoglobinuria, syphilitic, 60\*  
*Haemophilus ducreyi*, effect of Penicillin G, 135\*  
Haiti, framboesia in, 136\*  
— , treponematoses in, 136\*  
— , yaws in, 136\*, 273  
Herpes ophthalmicus, 266\*  
Herxheimer reaction, prednizone and, 131  
— — in syphilitic mesaortitis, 266  
Hip, syphilitic arthropathy, 129\*  
Homosexuals, venereal diseases in, 273\*  
Hypergammaglobulinaemia, 271\*  
Hyperglobulinaemia, 63  
Hypophysis, syphilitic gumma, 60
- Idaho, ophthalmia neonatorum in, 204  
Indonesia, pinta in, 135\*  
— , treponematoses control in, 135\*  
Iodine in neurosyphilis, 61\*  
— test in false positive tests for syphilis, 270
- Jacobsthal complement-fixation test with cardiolipin antigen, 65\*  
Jamaica, rectal lymphogranuloma venereum in, 135\*
- Kahn test, 133\*  
Keratitis, interstitial, 129\*  
— , aetiology, 60  
— — , in congenital syphilis, 61  
— , cortisone in, 61  
Kolmer Wassermann Reaction, 132
- Laboratory, role in the diagnosis of venereal disease, 273\*  
Labour camps, syphilis serology in, 133\*  
Liberia, yaws in, 135\*  
Lymphadenitis, non-bacterial regional, surgical treatment, 134  
Lymphogranuloma inguinale, subacute, 135\*  
— — venereum, rectal, in Jamaica, 135\*  
— — , rectal stricture in, 135\*  
— — , terramycin in, 134
- Macroglobinaemia in congenital syphilis, 60\*  
Massachusetts, gonorrhoea and early syphilis in, 273\*  
— , venereal disease contacts in, 273\*  
Meningo-chorio-arteritis, in syphilis, 200  
Mesoartitis, syphilitic, 266  
Microgen in serology of syphilis, 132\*  
— and VDRL test, 133\*  
Montana, syphilis in, 134\*  
*Mycobacterium leprae* infection specificity of serologic tests for syphilis in, 271\*  
Myocardium, gumma of, 129\*
- Negro, syphilis in, 59  
Nelson test, see TPI test  
Nelson-Mayer test, freeze-dried rat embryo extract in, 64  
Neuropsychiatry and micro-flocculation reaction to cardiolipin, 64\*

- Neurosypphilis, achromycin in, 61\*  
 —, asymptomatic, benzathine penicillin G in, 267  
 —, bismuth in, 61\*  
 —, diagnosis, 64\*  
 —, fever therapy, 61\*, 201  
 —, iodine in, 61\*  
 —, ocular manifestations, 60  
 —, penicillin in, 61, 130, 267  
 —, treatment, 61\* *bis*  
 New Mexico, venereal disease control in, 204\*  
 New York City, venereal disease in, 68\*  
 —, State, syphilis serology in labour camps, 133\*  
 Nigeria, yaws in, 136\*  
 Norway, syphilis in, 65\*
- Ophthalmia neonatorum, 272\*  
 —, gonococcal, 134\*, 203\*  
 —, —, prophylaxis, 272  
 —, —, prophylaxis, 204  
 Optic atrophy, syphilitic, 266  
 —, —, in childhood, 266  
 — nerve, syphilitic perineuritis, 60\*
- Pallida reaction, Reiter's treponeme in, 269  
 PAM in gonorrhoea, 133  
 — in syphilis, 267  
 — in yaws, 273  
 Paresis, juvenile, 129\*  
 Penicillin and bismuth in early syphilis, 61\*  
 — in cardiovascular syphilis, 131\*  
 — in early syphilis, 130, 266  
 — in general paralysis of the insane, 131  
 — in gonorrhoea, 67\*, 133, 134\*  
 — masking of syphilis, 266\*  
 — in neurosyphilis, 61, 130, 267  
 — and relapse of syphilitic roseola, 267\*  
 —, resistance to, in gonorrhoea, 271  
 — in syphilis, 202\*  
 — in syphilitic aortitis, 201  
 — G, effect on *Haemophilus ducreyi*, 135\*  
 — G in gonorrhoea, 271  
 — V, absorption of, 67  
 Phenoxymethylpenicillin: *see* Penicillin V  
 Philadelphia, congenital syphilis in, 60\*  
 Pinta in Indonesia, 135\*  
 Prednisone, effect on syphilitic Herxheimer reaction, 131  
 Pregnancy, syphilis in, 59, 129, 266\*  
 Probenecid in gonorrhoea, 271  
 Procaine penicillin in framboesia, 136\*  
 — G in gonorrhoea, 66
- Rash, syphilitic, relapse after penicillin, 267\*  
 Reagin, syphilitic, detection of, 63 *bis*  
 Rectum, stricture surgical treatment, 135\*  
 Reiter protein complement-fixation test for syphilis, 268  
 Reiter's disease, retinitis in, 67\*  
 — spirochaete, morphology, 65  
 — syndrome, 67\*  
 — treponeme in pallida reaction for syphilis, 269
- Rheumatism, syphilitic, 201\*
- Sera, anti-complementary, 271\*  
 Serum gold test, 65\*  
 Seville, serological tests for syphilis, 203\*  
 Silver nitrate prophylaxis in gonococcal ophthalmia neonatorum, 272  
 Sitolipin antigen, 132  
 Slide precipitation test, 132  
 Spirochæte, particulate adhesion of the Rieckenberg type, 65\*  
 Stomach, syphilis of 129\*  
 Syntomycin in gonorrhoea, 133  
 Syphilis, aortic lesions, 200, 266  
 —, benzathine penicillin G in, 267  
 —, cardiovascular, complications of, 131\*  
 —, penicillin in, 131\*  
 —, clinical and post-mortem findings, 129\*, 133\*  
 —, clinical problem, 129\*  
 —, congenital, 201\* 202 *bis*  
 —, — and erythroblastosis foetalis, 129\*  
 —, — ocular manifestations, 60, 61  
 —, —, macroglobinaemia in, 60\*  
 —, —, in Philadelphia, 60\*  
 —, —, prevention, 59, 129  
 —, —, TPI test in, 62  
 —, —, treatment, 131\*  
 — control, blood testing in, 203\*  
 —, diagnosis, 61\*
- Syphilis, diagnosis, TPIA test, 269  
 —, early, in Massachusetts, 273\*  
 —, —, penicillin in, 130  
 —, —, and bismuth in, 61\*  
 —, —, treatment, 266  
 —, endemic, 201\*  
 —, —, in Bechuanaland, 201\*  
 —, epidemiology, 134\*  
 —, experimental in golden hamster 133\*  
 —, —, immunity in, 66  
 —, —, P32 in, 65\*  
 —, —, fever treatment, 60  
 —, flocculation tests, 63  
 —, follow-up after world war II, 201  
 —, hypophysial, 60  
 —, late, 129\*  
 —, latent, P32 in, 65\*  
 —, —, TPI test in, 132\*  
 —, masking by penicillin, 266\*  
 — in Montana, 134\*  
 —, myocardial, 129\*  
 —, non-specific serological reactions in blood donors, 132  
 — in Norway, 65\*  
 —, notification by private physicians, 134\*, 273\*  
 —, ocular, 60\*, 200, 266 *bis*  
 —, —, Wassermann reaction in, 201  
 —, PAM in, 267  
 —, pathology, 133\*  
 —, penicillin in, 202\*  
 —, penicillin-resistance, 267\*  
 — in pregnancy, 59, 129, 266\*  
 —, review of literature, 266\*  
 — and rheumatism, 201\*  
 —, serology, 62, 63, 65\*, 131, 133\*, 202, 267  
 —, —, complement titration, 269  
 —, —, De Donno's technique, 65\*  
 —, —, false positive tests, 270  
 —, —, hyperglobulinaemia and, 63  
 —, —, in labour camps, 133\*  
 —, —, Microgen in, 132\*  
 —, —, Nelson test, 271\*  
 —, —, in pregnancy, 266\*  
 —, —, in Seville, 203\*  
 —, —, significance of, 65\*  
 —, —, true or false positive reactions, 271\*  
 —, —, vegetable antigens, 203  
 — of stomach, 129\*  
 —, third generation, 59  
 —, treatment, 61\*  
 — and tuberculosis, 60\*  
 — in Uganda, 201\*  
 —, untreated, in negroes, 59
- Tabes, 201\*  
 —, follow up examination, 267  
 TCF test, 203  
 Terramycin, resistance to, in gonorrhoea, 271  
 — in chancroid, lymphogranuloma venereum and granuloma inguinale, 134  
 Tetracycline in non-gonococcal urethritis, 134  
 TPI test, 131, 201\*, 203, 203\*  
 —, — in congenital syphilis, 62  
 —, — following cortisone treatment, 132  
 —, — in diagnosis of syphilis, 269  
 —, — in latent syphilis, 132\*  
 —, — in newly-discovered syphilitic reactions, 132\*  
 —, — reproducibility, 270  
 —, — as routine procedure, 62  
 —, —, sensitivity tests, 270  
 —, — in serology of syphilis, 271\*  
 —, —, uses of, 62  
 —, — value of, 271\*  
 —, — and *Treponema pallidum* complement-fixation tests, 271\*  
 TPIA test, 131  
 —, — in diagnosis of syphilis, 269  
*Treponema pallidum* complement-fixation test, 269  
 —, — — and TPI test, 271\*  
 —, — culture on artificial media, 66\*  
 —, — immune adherence test: *see* TPIA test  
 —, — infection in white mouse, 133\*  
 —, —, morphology, 65 *bis*  
 —, — pertenue, morphology, 65  
 Treponemal complement fixation test: *see* TCF test  
 — diseases, "unitarian concept", 68\*  
 Treponemata, experimental inoculation in ferret, 133\*  
 Treponematoses control in Indonesia, 135\*  
 — in Gambia, 135\*  
 — in Haiti, 136\*  
 — in the tropics, 135\*  
 Trichomoniasis, human, importance of, 135\*

- Trichomoniasis, urethral, 134\*
- Trisulphadiazine and aureomycin therapy, value of, 67
- Tropics, treponematoses in, 135\*
- Trypanosomiasis, experimental, in golden hamster, 133\*
- Tuberculosis, experimental, in golden hamster, 133\*
- , syphilis and, 60\*
- Uganda, syphilis in, 201\*
- 'Unitarian concept' of treponemal diseases, 68\*
- United States, minor venereal diseases in, 204\*
- Urethra, trichomoniasis of, 134\*
- Urethritis, non-gonococcal, 67, 204\*
- , gonococcal, chloramphenicol in, 67\*
- , non-gonococcal, antibiotics in, 272
- , —, tetracycline in, 134
- , —, virus infections in, 67\*
- , non-specific, 272\*
- Uveitis, aetiology, 135
- Venereal disease contacts in Massachusetts, 273\*
- , —, diagnosis, role of the laboratory, 273\*
- , —, in homosexuals, 273\*
- , —, research laboratory field consultation services, 273\*
- diseases, antibiotics in, 204\*
- Venereal diseases in British West Africa, 68\*
- control, in Alabama, 134\*
- , —, educational aids, 204\*
- , —, distribution by age and sex, 134\*
- , —, in New York City, 68\*
- , —, serology, 203\*
- , —, in the United States, 204\*
- VDRL test following cortisone treatment, 132
- with Microgen, 133\*
- Wassermann antibody, estimation, 267
- reaction, experience with, 133\*
- , —, false positive, 271\*
- , —, in ocular syphilis, 201
- Witkop, 201\*
- Yaws, 201\*
- , eradication, 136\*
- , —, in Nigeria, 136\*
- in Haiti, 136\*
- in Liberia, 135\*
- , PAM in, 273
- , transmission, 273\*

## INDEX TO AUTHORS OF ARTICLES ABSTRACTED

\* denotes that only the title is included with the abstracts.

- Ackermann, R., 61\*, 134\*
- Altheide, H. E., 67\*
- Aranha de Azevedo, P., 135
- Arnoux, M., 266
- Baert, H., 133\* *bis*
- Ball, R. W., 134\*
- Bauer, A. H., 271\*
- Bedoya, J. M., 135\*
- Beerman, H., 266\*
- Benson, W. W., 204
- Bérard, P. V., 266\*
- Berg, P., 272
- Bertani, C. C., 63
- Bessemans, A., 133\* *bis*
- Bharadwaj, B. M., 131\*
- Birch-Andersen, A., 62
- Biró, L., 269
- Bloomfield, A. L., 272\*
- Boak, R. A., 131, 269
- Boira, J. L. F., 131\*
- Bolger, M., 267\*
- Bonamour, G., 129\*
- Bonnet, P., 67\*
- Bossak, H. N., 203\* *bis*
- Boudouresques, J., 60
- Bouquin, 131\*
- Braunsteiner, H., 266
- Brondel, 131
- Büttner-Wobst, W., 60
- Buondonno, E., 65\*
- Burke, M. J., 60\*
- Burns, N. P., 67\*
- Byrne, E. M., 273\*
- Cannefax, G. R., 268
- Carpenter, C. M., 131, 269
- Chand, D., 131\*
- Chevreau, —, 129\*
- Ch'iP', E. F., 129\*
- Cisneros, T., 135\*
- Clark, A. B., 134\*
- Clarke, B. G., 134
- Cogorno, A., 64\*
- Cohen, H. A., 203
- Colakbayraktar, I., 60
- Collart, P., 66
- Colquhoun, C. B. G., 271
- Cooper, G. N., 271
- Corcoran, W. A., 204\*
- Csoka, I., 269
- Cunliffe, A. C., 67
- Curtis, A. C., 130\*
- Cuttler, J. C., 130\*
- Da Cruz-Ferreira, F. S., 135\*
- Dall'oglio, G. N., 133\*
- Danon-Boileau, H., 129\*
- Daoulas-Le-Bourdellès, 63
- Davies, J. N. P., 201\*
- Deacon, W. E., 135\*
- Delacrétaz, J., 62
- Depaoli, M., 131
- Díaz, E., 201\*
- Donohue, J. F., 203\*
- Dor, E., 129\*
- Duffett, N. D., 67\*
- Dumont, P., 272\*
- Dunsworth, W. P., 134\*
- Durel, P., 67\*, 266\*
- Duverne, J., 129\*
- Ehrmann, G., 270
- Eng, J., 65\*
- Ey, L. F., 271\*
- Facio, G., 136\*, 273
- Falcone, V. H., 203\*
- Farnasier, G., 266
- Fasanaro, G., 61\*
- Faure, M., 63, 65\*
- Favre, M., 60
- Fegeler, F., 132
- Feinstein, A. R., 63
- Feldreich, H., 130
- Fernandez, J. B., 203\*
- Fiore, C., 65\*
- Fiumara, N. J., 201\*, 273 *bis*
- Foltz, B. J., 204
- Fortes, A. B., 131, 201\*
- Fountaine, J., 273\*
- Fowler, W., 135
- Fowlkes, R. W., 271\*
- François, J., 60
- Freedman, M. L., 201\*
- Fromm, G., 271\*
- Frost, G., 134\*
- Gammon, G., 130
- Garcia Otero, A., 271\*
- Gardilic, A., 134\*
- Gardiner, W. P., 134
- Garson, W., 268
- Gastinel, P., 66
- Gérin, G., 266
- Giordano, J., 133\*
- Gjessing, H. C., 66
- Gleeson, G. A., 130, 203\*
- Gornila, F. R., 134
- Gordon, I., 203
- Graeber, F. O., 204
- Graves, L. M., 134\*
- Greenberg, M. S., 266\*
- Gregorczyk, K., 65\*
- Gregorio, E. D., 135\*
- Grillmayr, W., 129\*
- Grimble, A. S., 129\*
- Grin, E. I., 201\*
- Gritskevich, A. N., 66
- Guilleret, F., 129\*
- Gukhman, E. L., 66
- Gupta, N. P., 133\*
- Gupta, S. P., 133\*
- Guthe, T., 136\*
- György, E., 129\*, 133\*
- Haagsma, F. M., 129
- Hackett, C. J., 136\*, 273\*
- Hahn, R. D., 130\*
- Hardy, N., 266\*
- Harmsen, H., 271\*
- Harrigan, R. E., 271\*
- Harris, A., 62, 203\* *bis*, 273\*
- Hartmann, J., 64, 133\*
- Hayashi, O., 65\* *bis*
- Haze, M. de, 272\*
- Hecht, H., 273\*
- Heyer, G., 129\*
- Heyman, A., 130
- Heymann, G., 65\*
- Hill, W., 201\*
- Hollander, D. H., 65\*
- Hookings, E. C., 134\*
- McCourt, J. F., 135\*
- McFadzean, J. A., 135\*
- Magath, T. B., 129\*
- Magnuson, H. J., 203\*
- Horstmann, O. F., 266
- Hume, J. C., 136\*, 273
- Ingraham, N. R., 60\*
- Jeney, E., 269
- Johnwick, E., 130
- Jouquieres, E. D. L., 61
- Joulia, P., 202\*
- Kamp, M., 267
- Kaplan, L., 201\*
- Kean, B. H., 134\*
- Kehr, F., 134\*
- Kent, J. F., 271\*
- Kersell, C. C., 271\*
- Khokhutin, I. I., 60
- Kierland, R. R., 129\*
- Klauder, J. V., 201
- Knight, G. H., 135
- Knipp, E. A., 267, 268
- Koch, F., 60\*
- Kopp, H., 201
- Laidig, C. E., 272
- Lal, G., 131\*
- Lamanna, C., 65\*
- Lamour, J., 129\*
- Laurell, A., 271\*
- Laurie, W., 60\*
- Lazarovits, L., 61
- Lebez, D., 65\*
- Leonard, J. C., 200
- Lighter, A. G., 266\*
- Limbos, P., 135\*
- Ling, L. L., 129\*
- Lodin, A., 204
- López, P. B., 266
- Losada, M., 201\*
- Lowenstein, O., 129

- Marmell, M., 271  
 Marson, G., 132  
 Martelli, G., 64\*  
 Martinez Gaensley, M., 129\*  
 Masseboeuf, 200  
 Matačni, V., 134\*  
 Mattsson, R., 67\*  
 Maynard, J. H., 273\*  
 Mazzini, M. A., 61  
 Meinicke, K., 66\*, 269  
 Merlin, H. E., 134  
 Merriweather, A. M., 201\*  
 Miles, R. P. M., 135\*  
 Miller, J. N., 131, 269  
 Mir, J. C., 203\*  
 Mizumoto, R., 65\*  
 Möbest, H., 202  
 Mölbert, E., 65  
 Moine, M., 271\*  
 Morales, J. L., 203\*  
 Moreau, P. G., 67\*  
 Morelec-Coulon, M. J., 65\*  
 Moschella, S. L., 68\*  
 Müller, F., 202  
 Munkner, T., 132\*  
 Murray, J. F., 201\*
- Nakajima, T., 65\*  
 Nelson, A. J., 133, 134\*  
 Nelson, F. M., 135\*  
 Nelson, N. A., 59  
 Nicholas, L., 266\*  
 Nielsen, H. A., 132\*, 270  
 Nilsson, I. M., 271\*  
 Nørgaard, O., 67\*, 271\*  
 Nuñez Castañeda, A., 129\*  
 Nyunikova, O. I., 133
- Oger, 200  
 Olansky, S., 59, 267  
 Olivier, L., 271\*  
 Orbán, T., 61, 267  
 Osler, A. G., 267, 268
- Osovets, T. O., 66  
 Ourgaud, A. G., 266\*  
 Packer, H., 204\*  
 Pardo, O. A., 61\*  
 Paumelle, P., 129\*  
 Pearson, H. E., 272  
 Perović, S., 134\*  
 Perry, H. O., 129\*  
 Peruccio, L., 132, 133\*  
 Peters, J. J., 59  
 Petersdorf, R. G., 63  
 Petrus, E., 136\*  
 Pezzi, R., 63  
 Pillot, J., 67  
 Poppi, M., 61  
 Preston, J. M., 134\*  
 Price, E. V., 201, 267  
 Prigot, A., 271  
 Purcell, F. W. F., 67
- Raaschou-Nielsen, W., 201  
 Rambo, D. S., 59  
 Ranade, S. N., 67\*  
 Rao, M. S., 134\*  
 Reboul, E., 271\*  
 Resta, V., 64  
 Reyn, A., 64, 133\*  
 Reznikova, L. C., 203  
 Richardson, J. F., 272\*  
 Rinsler, M. G., 67  
 Roda, A. P. de, 273\*  
 Romagny, G., 62  
 Rootselaar, F. J. van, 135\*  
 Rosenblum, B. F., 204\*  
 Rosenthal, T., 68\*  
 Ross, W. M., 273\*  
 Rossetti, C., 64, 132  
 Roumajon, Y., 129\*  
 Ruge, H., 133\*  
 Russell, S. B., 201
- Samame, G. E., 136\*  
 Sánchez-Beaujon, R., 61
- Schamberg, I. L., 266\*  
 Schlagetter, K., 60\*  
 Schmidt, H., 62, 64  
 Schmidt, K., 202  
 Schultze, H. E., 60\*  
 Schuman, S. H., 59  
 Schwarz, P., 65\*  
 Schwick, G., 60\*  
 Scoppa, A., 61\*  
 Scott, F. P., 201\*  
 Sequeira, P. J. L., 65  
 Serma, J. S., 204\*  
 Shatov, V. A., 66  
 Shinberg, J. D., 273\*  
 Siboulet, A., 67\*, 204\*  
 Simatos, C., 129\*  
 Singer, S., 135\*  
 Singleton, A. O., 135\*  
 Sleath, G. W., 133  
 Small, W. T., 134  
 Smit, J. A., 67  
 Smith, C. A., 59, 267  
 Smith, W. H. Y., 134\*  
 Sniffen, R. C., 134  
 Sobel, N., 61\*  
 Soedarsono, H., 135\*  
 Soetopo, M., 135\*  
 Solomon, H., 130  
 Stam, C., 60  
 Stanulović, D., 65\*  
 Stefanachi, L., 133\*  
 Sterenberg, H., 135\*  
 Stokes, J. H., 130  
 Stout, G. W., 273\*  
 Streitmann, B., 60\*  
 Struve, V. R., 59  
 Stuart, J., 203\*  
 Stuhlert, H., 271  
 Szego, L., 59
- Taggart, S. R., 201  
 Tampi, R. B., 134\*  
 Taylor, E. E., 134\*, 273\*  
 Tessler, A. N., 272\*
- Thomas, E., 130  
 Thomas, E. W., 133\*  
 Thomé, J. V., 136\*  
 Thompson, G. D. C., 134\*  
 Timberlake, W., 130  
 Tjokrodipto, D., 135\*  
 Torchí, M., 270  
 Tottie, M., 273\*  
 Tribalat, A., 67  
 Trice, E. R., 271\*
- Vaisman, A., 66  
 Vajo, I., 129\*  
 Valentinić, M., 65\*  
 Vandeputte, J., 133\*  
 Vandow, J. E., 61\*, 68\*  
 Velazquez, B. L., 204\*  
 Verriest, G., 60  
 Vigouroux, R., 60  
 Vivas Salas, E., 201  
 Voll, A., 61\*  
 Vora, M. P., 136\*  
 Vozelj, M., 65\*
- Wadia, N., 273  
 Wallace, A. L., 273\*  
 Wasito, R., 135\*  
 Watson, K. C., 60\*  
 Webster, B., 130  
 Wering, R. F. von, 67  
 Wherrett, H. R., 67\*  
 Wilkinson, A. E., 135\*  
 Willcox, R. R., 68\*  
 Williams, E., 273  
 Wolinska, W. H., 134\*  
 Wright, J. J., 134\*, 273\*
- Yu, K. J., 129\*
- Zahra, A., 136\*

# BRITISH JOURNAL OF VENEREAL DISEASES

EDITED FOR

THE MEDICAL SOCIETY FOR THE STUDY OF VENEREAL DISEASES

BY

S. M. LAIRD, Editor

I. N. ORPWOOD PRICE, Assistant Editor

A. E. WILKINSON, Assistant Editor

D. J. CAMPBELL

C. DUNLOP

A. H. HARKNESS

A. J. KING

ROBERT LEES

PRESIDENT, M.S.S.V.D.

HON. SEC., M.S.S.V.D.

EDITOR OF THE *British Medical Journal*

NATIONAL

JAN 28 1958

C. DUNLOP

MEDICINE

SIR R. G. MURRAY JONES

## CONTENTS

Editorial	205
XI International Congress of Dermatology. Stockholm, 1957	206
Sensitivity to Repository Penicillins. R. R. WILLCOX and G. R. FRYERS	209
Untreated Syphilis. F. S. BONUGLI	217
Non-Gonococcal Urethritis. R. S. MORTON and LUCIEN READ	223
Common Contagious Genito-Urinary Diseases with Reference to the Ito-Reenstierna and Frei Tests. DONALD E. TYLER	228
Present Pattern of Early Syphilis in the Manchester Region II. Imported Infection and the Prostitute. S. M. LAIRD	242
Non-Gonococcal Urethritis in the Male treated with Tetracycline. G. O. MAYNE	244
Two Cases of Perineal Fistula following Cowperitis. M. A. BIRNSTINGL, J. D. GRIFFITHS, C. S. NICOL, and A. REDMOND	246
Saturated Synthetic Lecithins in VDRL and Kolmer Antigens for the Sero-Diagnosis of Syphilis. DAVID B. TONKS and ROVELLE H. ALLEN	249
Calculus in the Epididymis following Bilateral Syphilitic Orchitis. ROBERT LEES	258
Effect of Cortisone in Experimental Syphilis in Rabbits. HENNING SCHMIDT, LISE DORPH-PETERSEN, and MICHAEL WEIS BENTZON	259
Correspondence	265
Abstracts	266
Index for 1957	274

LONDON

BRITISH MEDICAL ASSOCIATION

TAVISTOCK SQUARE, W.C.1